

FY 2013



THE INTRAMURAL LOAN REPAYMENT PROGRAMS DATA BOOK



Fiscal Year 2013 Highlights

October 1, 2012
to September 30, 2013

Application Cycles:

New:

September 1, 2012 - April 1, 2013

ACGME

September 1, 2012 – June 15, 2013

Renewal:

September 1, 2012 – February 1, 2013

NIH Division of Loan Repayment

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NIH Institutes and Centers

Institutes

National Cancer Institute (NCI)

National Eye Institute (NEI)

National Heart, Lung, and Blood Institute (NHLBI)

National Human Genome Research Institute (NHGRI)

National Institute on Aging (NIA)

National Institute on Alcohol Abuse and Alcoholism (NIAAA)

National Institute of Allergy and Infectious Diseases (NIAID)

National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)

National Institute of Biomedical Imaging and Bioengineering (NIBIB)

Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)

National Institute on Deafness and Other Communication Disorders (NIDCD)

National Institute of Dental and Craniofacial Research (NIDCR)

National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

National Institute on Drug Abuse (NIDA)

National Institute of Environmental Health Sciences (NIEHS)

National Institute of General Medical Sciences (NIGMS)

National Institute of Mental Health (NIMH)

National Institute on Minority Health and Health Disparities (NIMHD)

National Institute of Neurological Disorders and Stroke (NINDS)

National Institute of Nursing Research (NINR)

National Library of Medicine (NLM)

Centers

John E. Fogarty International Center (FIC)

National Center for Complementary and Alternative Medicine (NCCAM)

National Center for Advancing Translational Sciences (NCATS)

Clinical Center (CC)

Center for Information Technology (CIT)

The Year in Review

The NIH will repay up to \$35,000 per year of outstanding educational debt for the General, AIDS, and Clinical Research for Individuals from Disadvantaged Backgrounds and up to \$20,000 per year for the ACGME LRP. In return, participants must sign a contract agreeing to conduct appropriately qualified research activities as NIH employees for a minimum of two years for the AIDS and Clinical Research (Disadvantaged Background) LRPs, or three years for the General or ACGME LRPs.

In Fiscal Year (FY) 2013, 77 individuals applied to the Intramural Loan Repayment Programs (LRPs) in General Research, AIDS Research, Clinical Research for Individuals from Disadvantaged Backgrounds, and General Research for Accreditation Council for Graduate Medical Education (ACGME) Fellows. Of those 77 applications, 6 applicants subsequently terminated their employment with NIH and were withdrawn. Seventy-seven applications were reviewed and 65 applications received awards totaling \$3,156,177. The combined (new and renewal applicants) success rate for the Intramural LRPs was 84 percent.

The Intramural General Research LRP received 77 percent of all applications.

New applicants (those not previously funded) constituted 30 percent of all applications while renewal applicants (those previously funded) comprised 70 percent of all applicants. Success rates for new and renewal applicants were 96 and 80 percent, respectively.

The LRPs are open to health professionals with doctoral level, P.A., B.S.N. or A.D.N. degrees and varying levels of experience. Most new FY 2013 awardees are beginning their careers, with 64 percent having received their qualifying degrees within the last five years and 36 percent within the past six to ten years.

Physician doctorates (including dual physician doctorates, for example, MD/PhD degrees) comprised 87 percent of the awards, while those with academic doctoral level degrees received 18 percent of the total awards.

Eighty-two percent of the new awardees had educational debt greater than \$50,000, with 41 percent having debt levels greater than \$200,000.

Women received 27 (42%) of the 65 intramural LRP awards, Black/African American applicants received 2 (3%) awards, Asians received 8 (15%) awards, and Hispanics received 2 (3%) awards.

The Four Intramural Loan Repayment Programs

AIDS Research LRP:

In November 1988, Public Law (P.L.) 100-607 introduced Section 487A of the Public Health Service (PHS) Act (42 USC 288-1), authorizing the National Institutes of Health (NIH) to establish a program of educational loan repayment to attract additional health professionals into Acquired Immunodeficiency Syndrome (AIDS) research. The mission of the NIH AIDS Research Loan Repayment Program (AIDS-LRP) is to attract highly qualified physicians, nurses, and scientists to HIV/AIDS research by countering the growing economic disincentives to embark on biomedical research careers, using loan repayment as an incentive.

General Research LRP:

In June 1993, P.L. 103-43 authorized Section 487C (42 USC 288-3), which established a program of educational loan repayment to attract highly qualified health professionals, particularly physicians, to conduct research at the NIH. The mission of the General Research Loan Repayment Program is to attract talented researchers to public service as employees of the NIH using loan repayment as an economic incentive. Generally, those at a tenure track or above level are given priority for funding of LRP awards.

General Research LRP for ACGME Fellows:

General Research LRP for ACGME Fellows provides \$20,000 per year in loan repayment (plus tax reimbursement) and is currently available to fellows offered employment by the NIH in subspecialty and residency training programs accredited by the Accreditation Council for Graduate Medical Education (ACGME). Qualifying fellows must hold a three-year appointment.

Clinical Research LRP for Individuals from Disadvantaged Background:

Clinical research is patient-oriented research that is conducted with human subjects or research on the causes and consequences of disease in human populations involving material of human origin for which an investigator or colleague directly interacts with human subjects in an outpatient or inpatient setting to clarify a problem in human physiology; pathophysiology or disease; epidemiologic or behavioral studies; outcomes research or health services research; or developing new technologies, therapeutic interventions, or clinical trials. The NIH Clinical Research Loan Repayment Program's mission is to recruit highly qualified health professionals from disadvantaged backgrounds to serve as clinical researchers, using loan repayment as an economic incentive.

Applications, Awards, and Success Rates

By Program

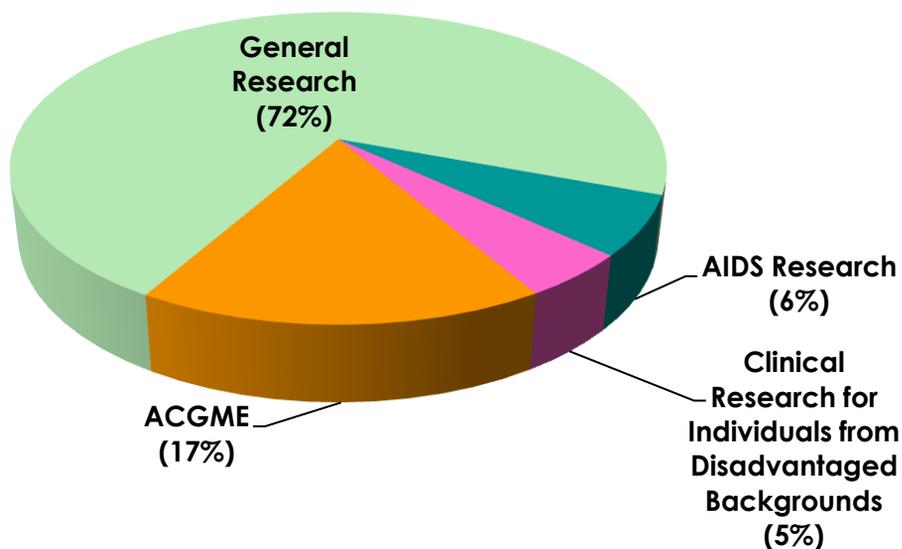
In FY 2013, the NIH received 77 applications: 30 percent of the applications were from new applicants, and 84 percent of all applications were awarded.

LRP	New			Renewal			Total		
	Applications N	Awards n	Success Rate	Applications N	Awards n	Success Rate	Applications N	Awards n	Success Rate
General Research	10	9	90%	49	38	78%	59	47	80%
AIDS Research	1	1	100%	3	3	100%	4	4	100%
Clinical Research for Individuals from Disadvantaged Backgrounds	1	1	100%	2	2	100%	3	3	100%
ACGME	11	11	100%	N/A	N/A	N/A	11	11	100%
Total	23	22	96%	54	43	80%	77	65	84%

Funding by Program

LRP	New		Renewal		Total	
	Awards n	Funding	Awards n	Funding	Awards n	Funding
General Research	9	\$892,656	38	\$1,051,687	47	\$1,944,343
AIDS Research	1	\$32,399	3	\$90,304	4	\$122,703
Clinical Research for Individuals from Disadvantaged Backgrounds	1	\$102,550	2	\$19,681	3	\$122,231
ACGME	11	\$966,900	0	\$0	11	\$966,900
Total	22	\$1,994,505	43	\$1,161,672	65	\$3,156,177

Percentage of Total Awards by LRP



Funding by NIH Institutes and Centers New Awards

The Intramural Loan Repayment Programs
awarded 22 new LRP awards from 8 different ICs in FY 2013.

IC	Awards n	Funding
CC	3	\$263,700
NCI	8	\$849,700
NHGRI	2	\$205,680
NIA	1	\$52,595
NIAID	3	\$208,199
NIAMS	3	\$220,471
NICHD	1	\$106,260
NINDS	1	\$87,900
Total	22	\$1,994,505

Funding by NIH Institutes and Centers Renewal Awards

The Intramural Loan Repayment Programs LRP awarded 43 renewal LRP awards from 13 different ICs in FY 2013.

IC	Awards n	Funding
CC	7	\$216,262
NCI	9	\$228,383
NHLBI	2	\$62,613
NIAID	9	\$203,180
NIAMS	2	\$102,550
NICHD	2	\$65,913
NIDA	1	\$9,731
NIDCR	1	\$7,768
NIEHS	3	\$74,061
NIMH	2	\$44,647
NIMHD	1	\$38,678
NINDS	3	\$97,431
NINR	1	\$10,456
Total	43	\$1,161,672

Funding by NIH Institutes and Centers

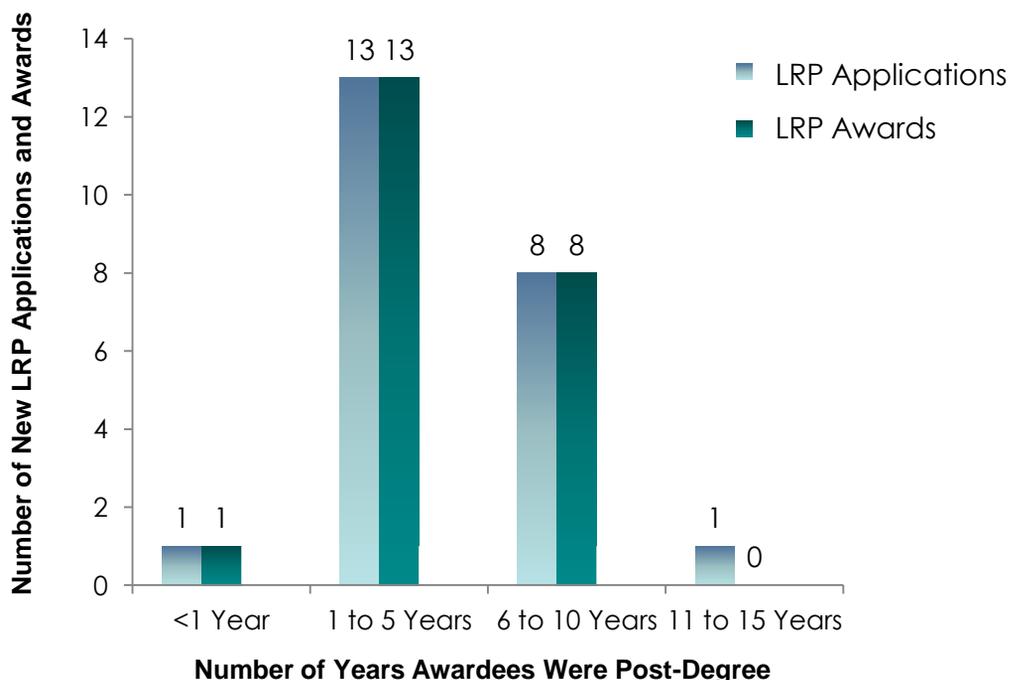
New ACGME Awards

FY2013 ACGME Awards by I/C and Program
Total of 4 I/Cs and 7 ACGME Programs

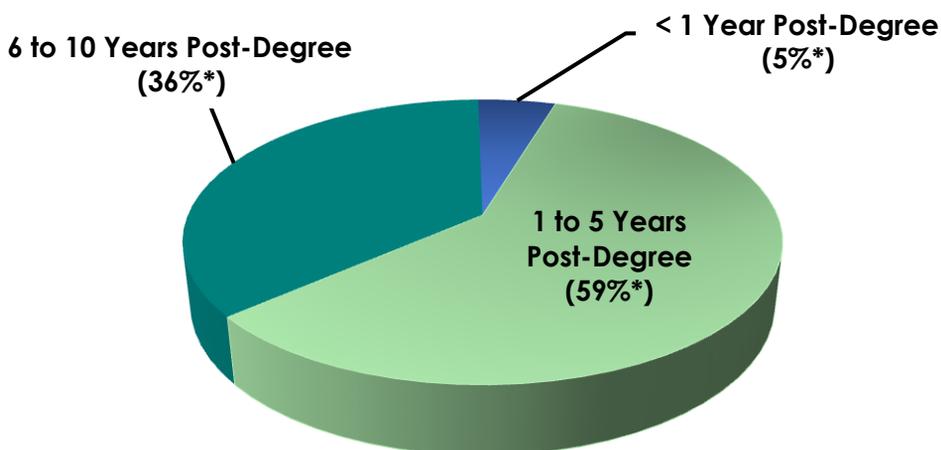
IC	ACGME Program	Program Awards
CC	Critical Care Medicine	3
NCI	Pediatric Oncology	2
NCI	Medical Oncology	2
NCI	Laboratory of Pathology	1
NIAID	Allergy and Immunology	1
NIAID	Infectious Disease	1
NINDS	Surgical Neurology	1

Applications, Awards, and Success Rates

New Applications and Awards By Post-Degree Years



Percent of Total LRP Awards by Number of Years Awardees Were Post-Degree



* Percents of total LRP awards n=65

LRP Awards by Degree New Awards

Physician Doctorate: 16 (76%) held MD or DO degrees.

Professional Clinical Doctorate: None held DDS, DMD, DVM, DPT, ND, OD, PharmD, or PsyD degrees.

Academic Doctorate: 3 (14%) held PhD, DrPH, EdD, or ScD degrees.

Physician Doctorate / Academic Doctorate: 2 (10%) held dual MD/PhD degrees.

Other: None held an MS/MPH degree.

LRP	Physician Doctorate n	Professional Clinical Doctorate n	Academic Doctorate n	Physician Doctorate / Academic Doctorate n	Other n	Total n
General Research	5	0	3	1	0	9
AIDS Research*	0	0	0	0	0	0
Clinical Research for Individuals from Disadvantaged Backgrounds	1	0	0	0	0	1
ACGME	10	0	0	1	0	11
Totals	16	0	3	2	0	21

*One awardee did not specify degree

LRP Awards by Degree Renewal Awards

- Physician Doctorate:** 35 (81%) held MD or DO degrees.
- Professional Clinical Doctorate:** 1 (2%) held DDS, DMD, DVM, DPT, ND, OD, PharmD, or PsyD degrees.
- Academic Doctorate:** 4 (9%) held PhD, DrPH, EdD, or ScD degrees.
- Physician Doctorate / Academic Doctorate:** 3 (7%) held dual MD/PhD degrees.
- Other:** None held B.S.N., M.S.N., or M.H.S degrees.

*Percentages may not total 100% as a result of rounding.

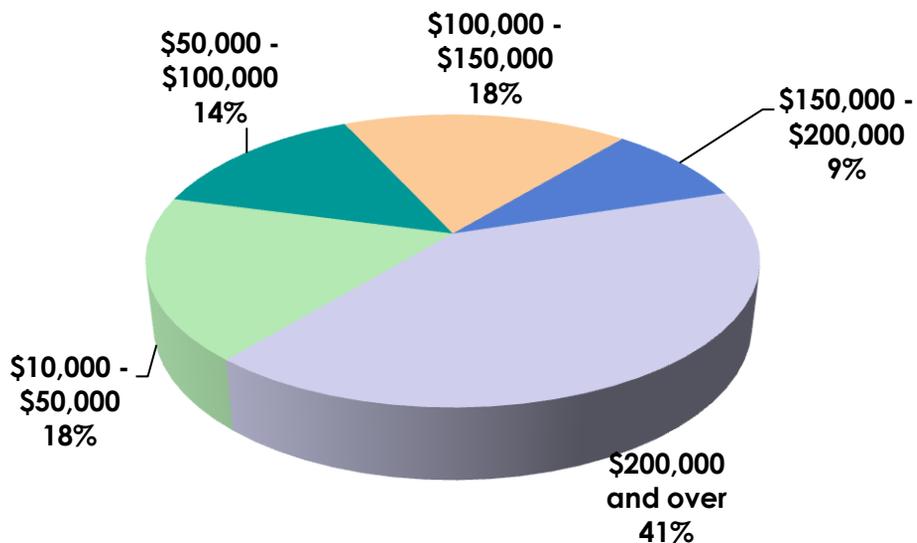
LRP	Physician Doctorate n	Professional Clinical Doctorate n	Academic Doctorate n	Physician Doctorate / Academic Doctorate n	Other n	Total n
General Research	31	1	3	3	0	38
AIDS Research	2	0	1	0	0	3
Clinical Research for Individuals from Disadvantaged Backgrounds	2	0	0	0	0	2
Totals	35	1	4	3	0	43

Educational Debt Levels of LRP Awardees New Awards

Eighteen (82%) new FY 2013 awardees had educational debt levels in excess of \$50,000.

Debt Range	Number of Awardees
Less than \$10,000	0
\$10,000 - \$50,000	4
\$50,000 - \$100,000	3
\$100,000 - \$150,000	4
\$150,000 - \$200,000	2
\$200,000 and over	9
Total	22

Distribution of Awards by Debt Level



Applications, Awards, and Success Rates By Gender New and Renewal Awards

LRP	Male Applicants			Female Applicants			Gender Distribution	
	Applications N	Awards n	Success Rate	Applications N	Awards n	Success Rate	Male Awardees	Female Awardees
General Research	35	27	77%	24	20	83%	57%	43%
AIDS Research	1	1	100%	3	3	100%	25%	75%
Clinical Research for Individuals from Disadvantaged Backgrounds	1	1	100%	2	2	100%	33%	67%
ACGME	9	9	100%	2	2	100%	82%	18%
Total	46	38	83%	31	27	87%	58%	42%

Awardee Demographics By Ethnicity

LRP	Awards	Hispanic or Latino	Not Hispanic or Latino
All Intramural LRPs, n	65	2	63
Percentage of Awards	100%	3%	97%

Awardee Demographics By Race

LRP	American Indian or Alaska Native	Black or African-American	Asian	Native Hawaiian or Other Pacific Islander	White	Other / No Response/ More than One Race	Award Totals
All Intramural LRPs, n	0	2	10	1	44	8	65
Percentage of Awards	0%	3%	15%	2%	68%	12%	100%

Patricia A. Cole, Ph.D.
Director, Loan Repayment Programs
Office of Intramural Research
Office of the Director
National Institutes of Health
Department of Health and Human Services

Web site:
Loan Repayment Programs (LRP)
<http://www.lrp.nih.gov>

